TOE20 06862860

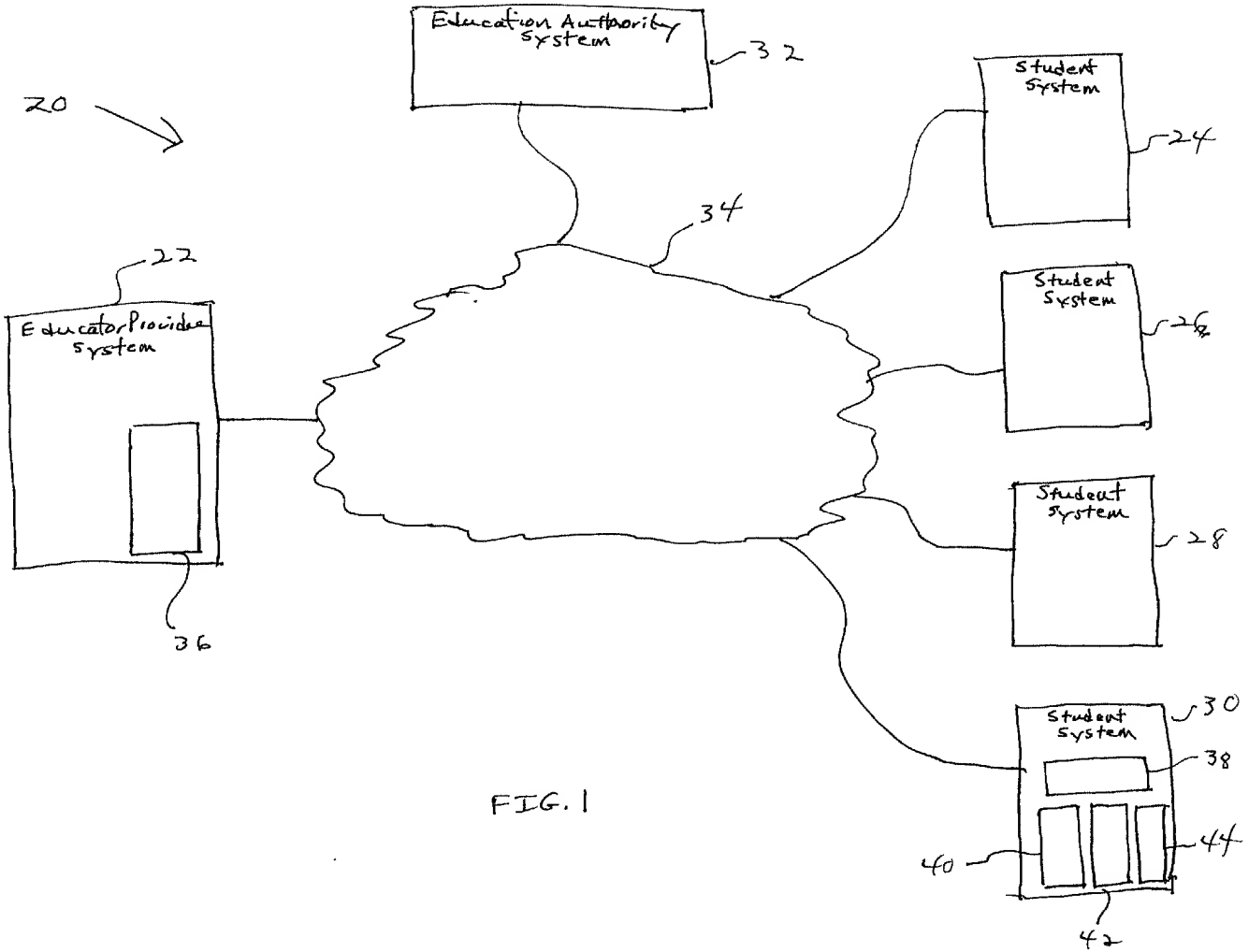

FIG. 1

Professional Training & Consulting

Early Childhood Online Training

You must sign up for courses before you can log in. If you have signed up, please enter your user ID and password.

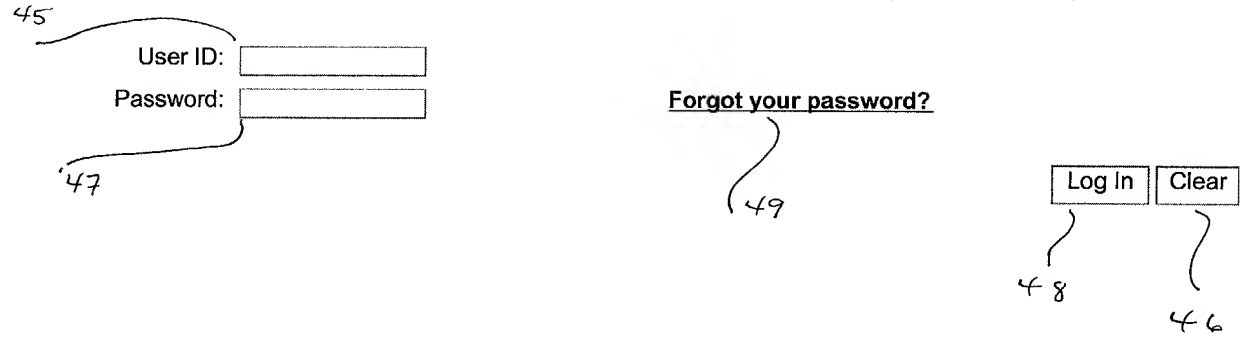

FIG. 2

Professional Training & Consulting

Early Childhood Online Training

Your Current Courses

Doreen Gridley, welcome to **PTC Online Training**.

Course ID	Course Title	Sign-Up Date	Status	Action?
EPTC440	Sensational Science	12-21-00	**CURRENT**	Take Course

50

PTC Home

FIG. 3

"EL620" 0E852860

Professional Training & Consulting

Early Childhood Online Training

System Requirements

Use PTC's Browser Test to make sure that your computer is set up for Online Learning.

Our user-friendly browser check will lead you through a series of tests to make sure that your system is correctly configured for taking our online classes. If your computer doesn't meet our minimum requirements, the test will help you to get any needed components.

****IMPORTANT INSTRUCTIONS FOR AOL USERS****

PTC recommends the following minimum system requirements for taking our online learning courses:

Component	Minimum specifications
Processor	Intel Pentium or compatible, 133 MHz or higher
Operating System	Windows 95, Windows 98, Windows NT, Mac OS 8
Monitor/Video Display	640x480 resolution, 256-color or higher
Modem Speed	Minimum 28.8 Kbps/56.6 Kbps recommended
Additional Hardware	sound card, speakers, keyboard, mouse
Supported Internet Browsers	Internet Explorer version 4.0 and higher, Netscape version 4.0 and higher, or other browser with Shockwave 8 and JavaScript enabled.
Browser Plug-in	Macromedia Shockwave 8

FIG. 4A

If you have specific questions about these requirements, please e-mail tech@ptctraining.com or call PTC tech support at 1-800-499-9907.

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FIG. 4B

TOE240 "0E86286D

Installing Macromedia's Shockwave 8 plug-in: Netscape Navigator

Because of the way Netscape Navigator handles plug-ins, you will have to quit your browser during the Shockwave installation process, PTC recommends that you bookmark our site to ensure an easy, quick return. If you need help with bookmarking a site, go here for detailed instructions. Additionally, you should print or save these instructions for easy reference.

1. Click on the graphic to the left ("Get Macromedia Shockwave Player") to go to the Macromedia Download Center.

2. Once there, Click"Download Now." Choose the directory where you want to save the Macromedia Shockwave Player Installer and click Save. Write down the name of the file you are downloading as it appears in the Save As... dialog box, or use the "Find..." command to locate the file for step 2.

3. Quit your browser and double-click the Macromedia Shockwave Player Installer icon. Choose the Macromedia Shockwave Player-compatible browser you want to install Shockwave into and click Continue. The installer relaunches your browser and opens to the Macromedia Download Center to

FIG. 5A

TOE20"0286280

complete the installation.

4. Click through the dialog boxes that appear. When both the Macromedia Shockwave 8 Player and Macromedia Flash Player 5 movies begin playing on the Web page, your Macromedia Shockwave Player installation is successful.

5. Return to PTC Online Learning to completed the System Requirements test via a bookmark or by entering this URL into the Location box: http://www.ptctraining.com/online/sysreqs/system_requirements.htm

Print Instructions

FIG. 5B

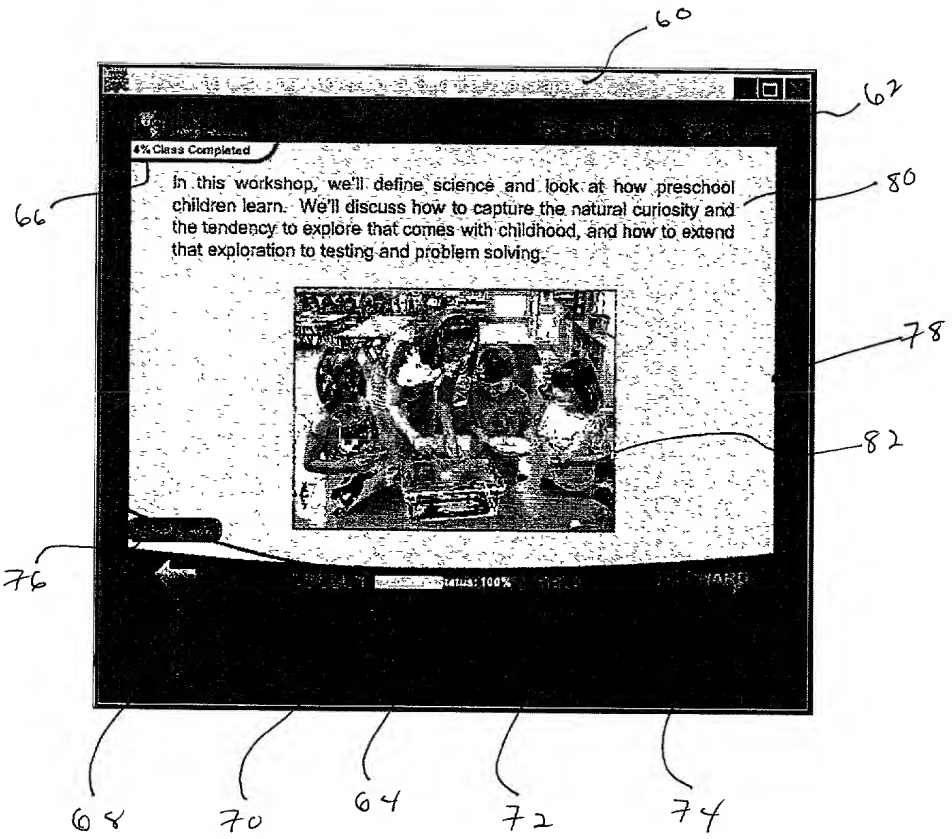

60
62
4% Class Completed
66
In this workshop, we'll define science and look at how preschool children learn. We'll discuss how to capture the natural curiosity and the tendency to explore that comes with childhood, and how to extend that exploration to testing and problem solving.
80
78
82
76
68
70
64
72
74

FIG. 6A

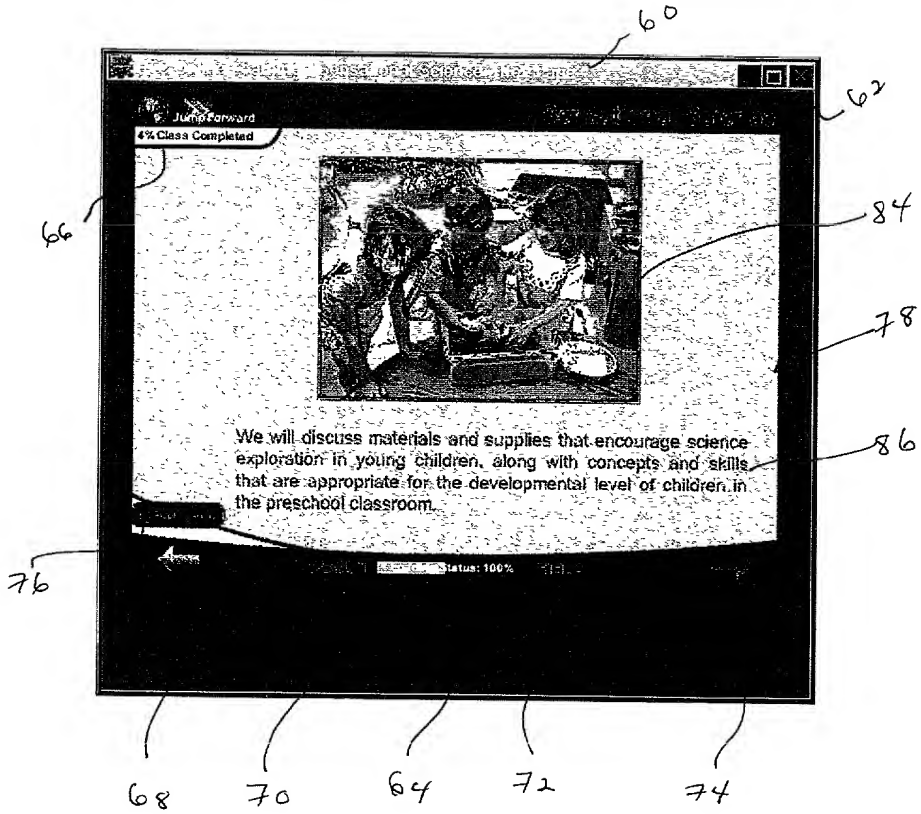

Jump Forward
4% Class Completed
We will discuss materials and supplies that encourage science exploration in young children, along with concepts and skills that are appropriate for the developmental level of children in the preschool classroom.
Status: 100%
60
62
66
84
78
86
76
68
70
64
72
74

FIG. 6B

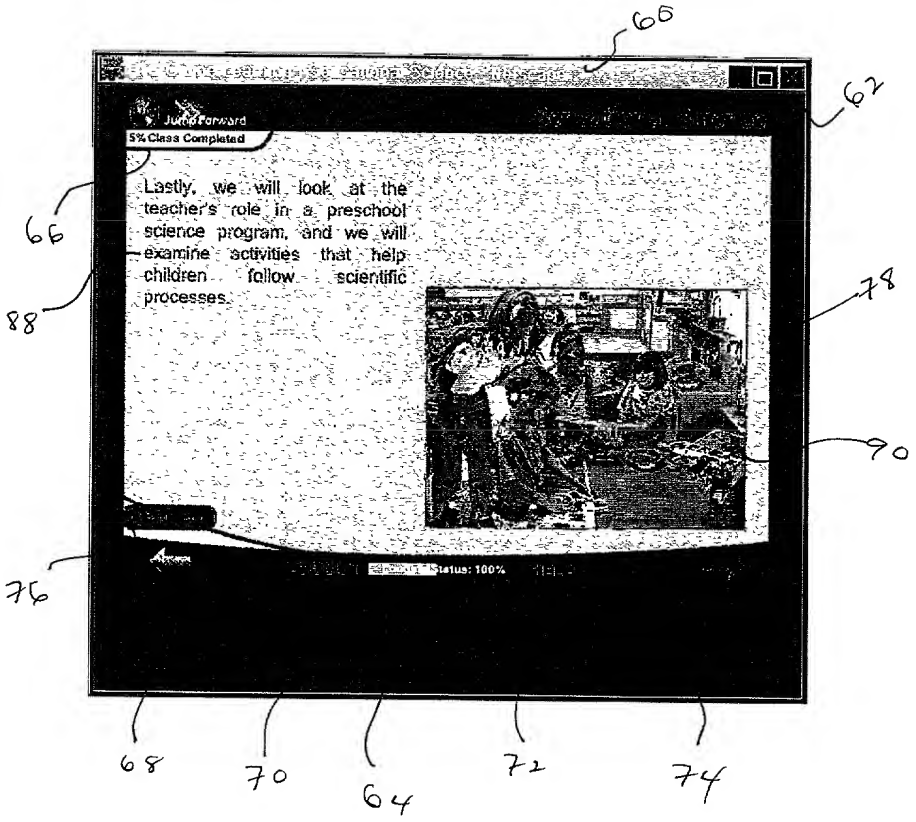

Jump Forward
5% Class Completed
Lastly, we will look at the teacher's role in a preschool science program, and we will examine activities that help children follow scientific processes.
Status: 100%
60
62
66
88
78
90
76
68
70
64
72
74

FIG. 6C

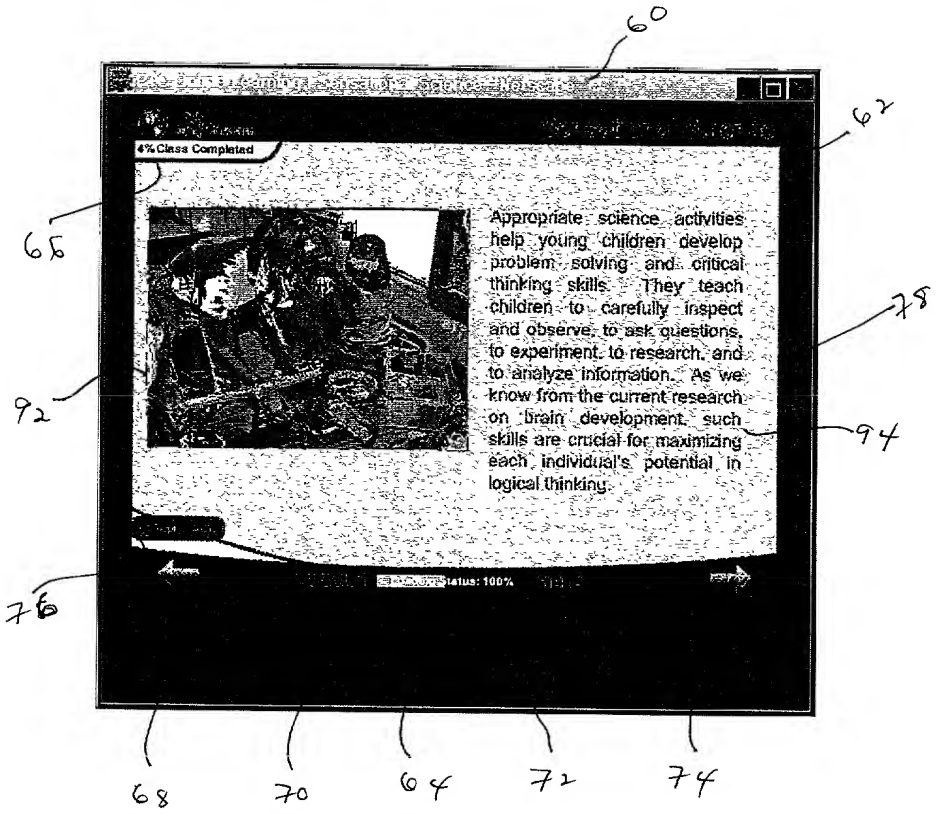

60
62
4% Class Completed
66
Appropriate science activities help young children develop problem solving and critical thinking skills. They teach children to carefully inspect and observe, to ask questions, to experiment, to research, and to analyze information. As we know from the current research on brain development, such skills are crucial for maximizing each individual's potential in logical thinking.
78
92
94
76
68
70
64
72
74

FIG. 6D

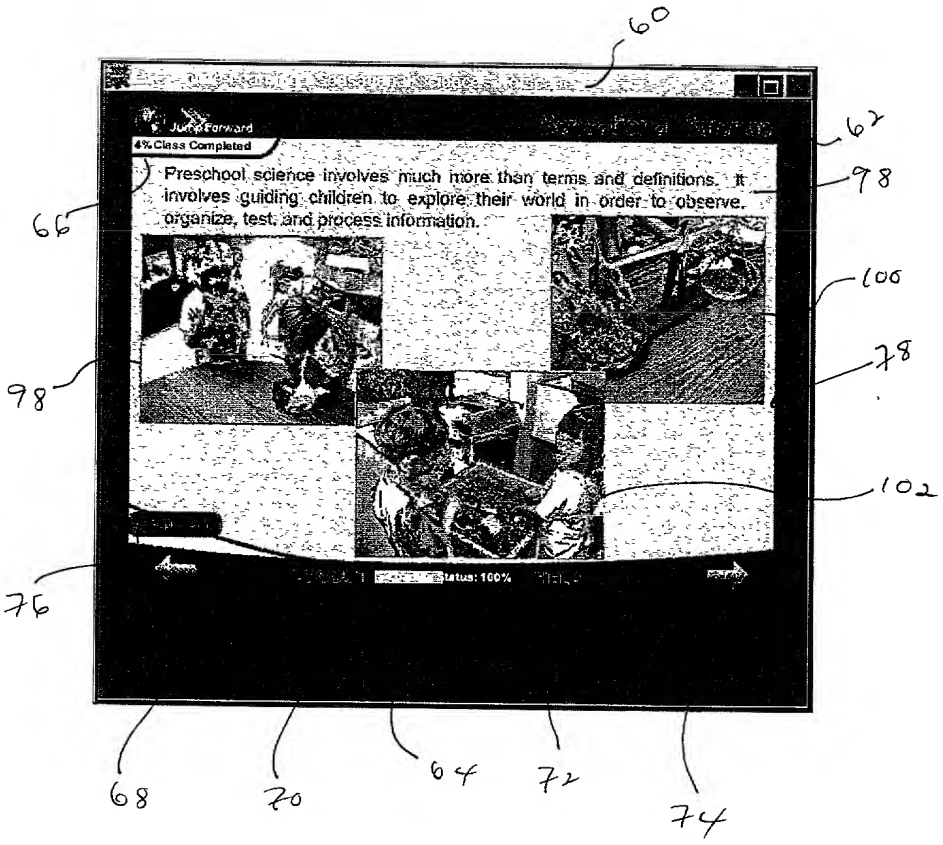

60
62
Jump Forward
4% Class Completed
Preschool science involves much more than terms and definitions. It involves guiding children to explore their world in order to observe, organize, test, and process information.
66
98
98
100
78
102
76
68
70
64
72
74

FIG. 6E

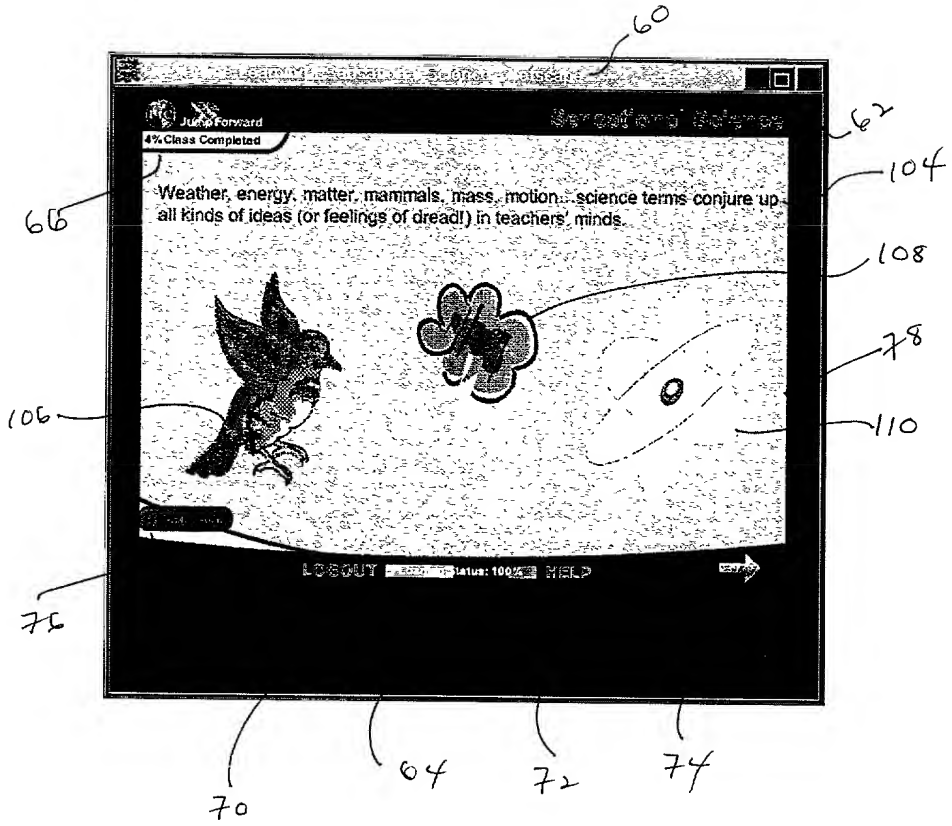

60
62
104
66
108
78
106
110
76
Jump Forward
4% Class Completed
Weather, energy, matter, mammals, mass, motion... science terms conjure up all kinds of ideas (or feelings of dread!) in teachers' minds.
LOGOUT
HELP
70
64
72
74

FIG. 6F

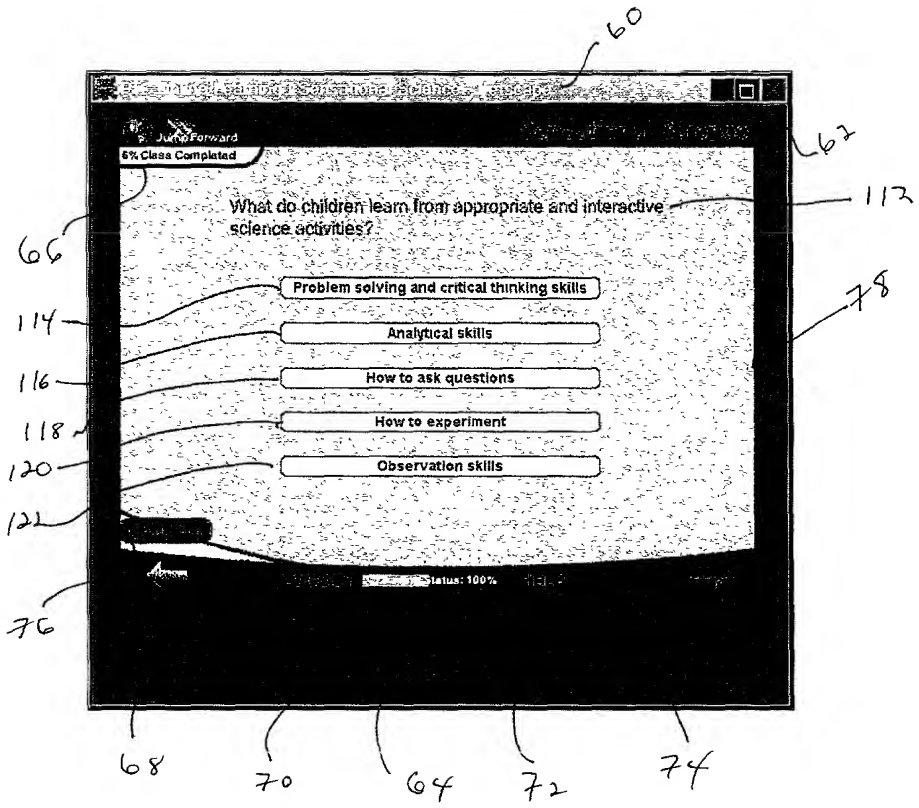

60
62
112
66
78
114
116
118
120
122
76
68
70
64
72
74
6% Class Completed
What do children learn from appropriate and interactive science activities?
Problem solving and critical thinking skills
Analytical skills
How to ask questions
How to experiment
Observation skills

FIG. 7

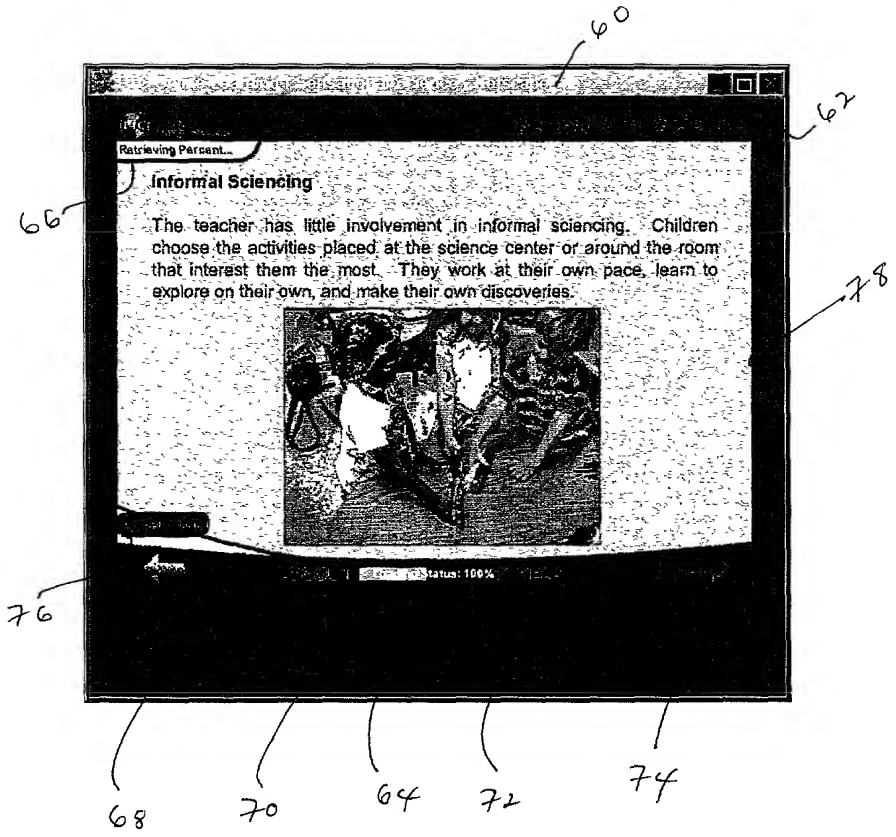

60
62
Retrieving Percent...
Informal Sciencing
The teacher has little involvement in informal sciencing. Children choose the activities placed at the science center or around the room that interest them the most. They work at their own pace, learn to explore on their own, and make their own discoveries.
66
78
76
Status: 100%
68
70
64
72
74

FIG. 8A

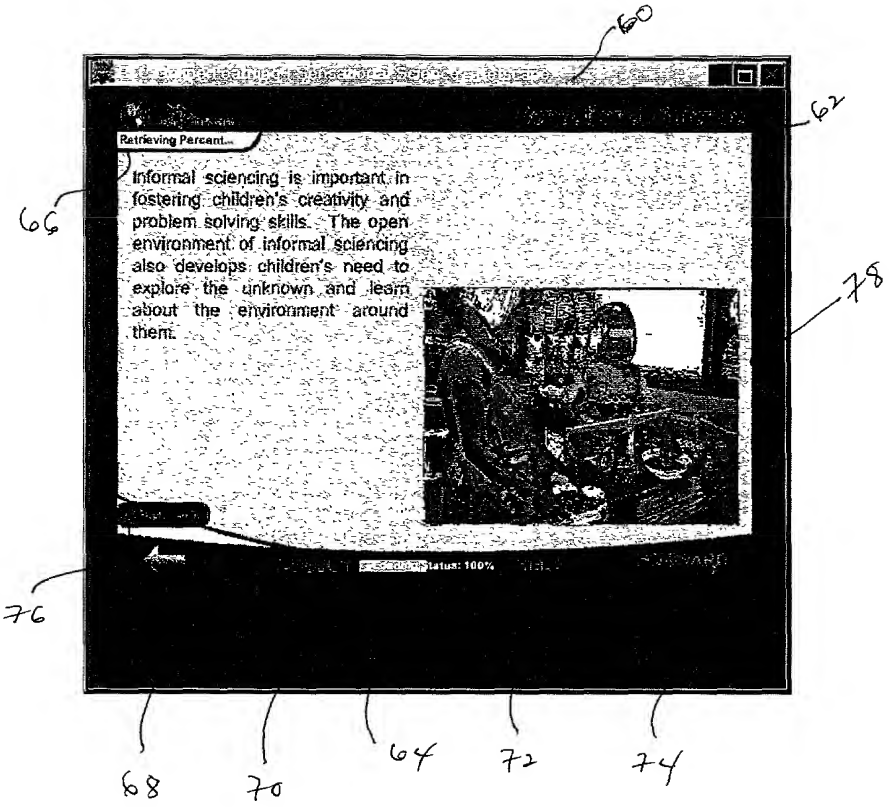

60
62
Retrieving Percent...
Informal sciencing is important in fostering children's creativity and problem solving skills. The open environment of informal sciencing also develops children's need to explore the unknown and learn about the environment around them.
66
78
76
68
70
64
72
74

FIG. 8B

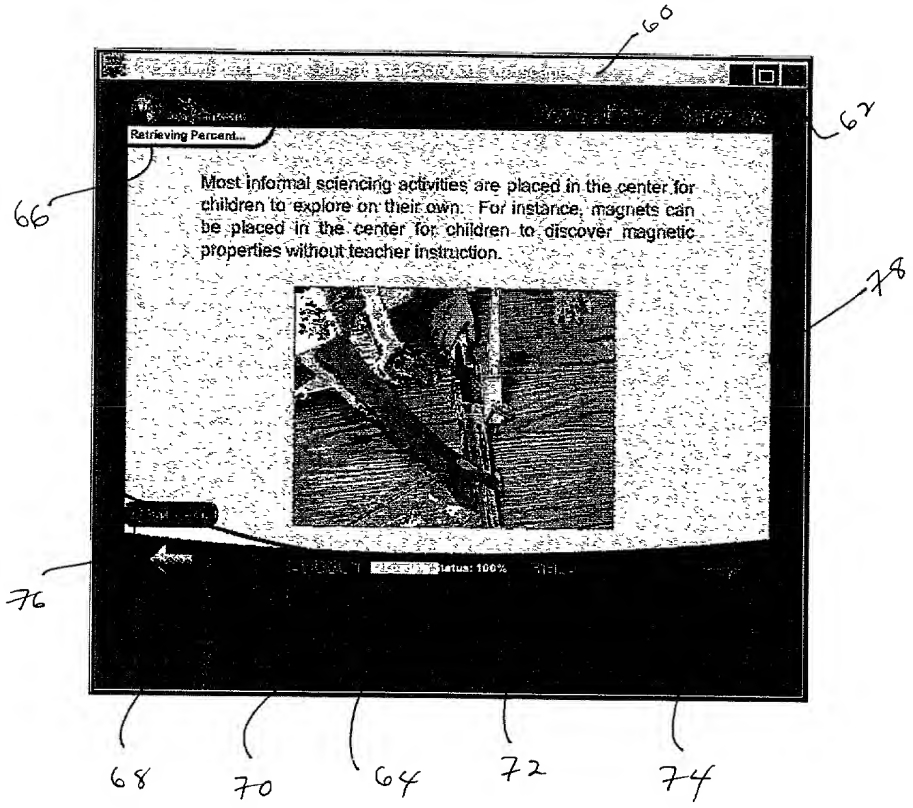
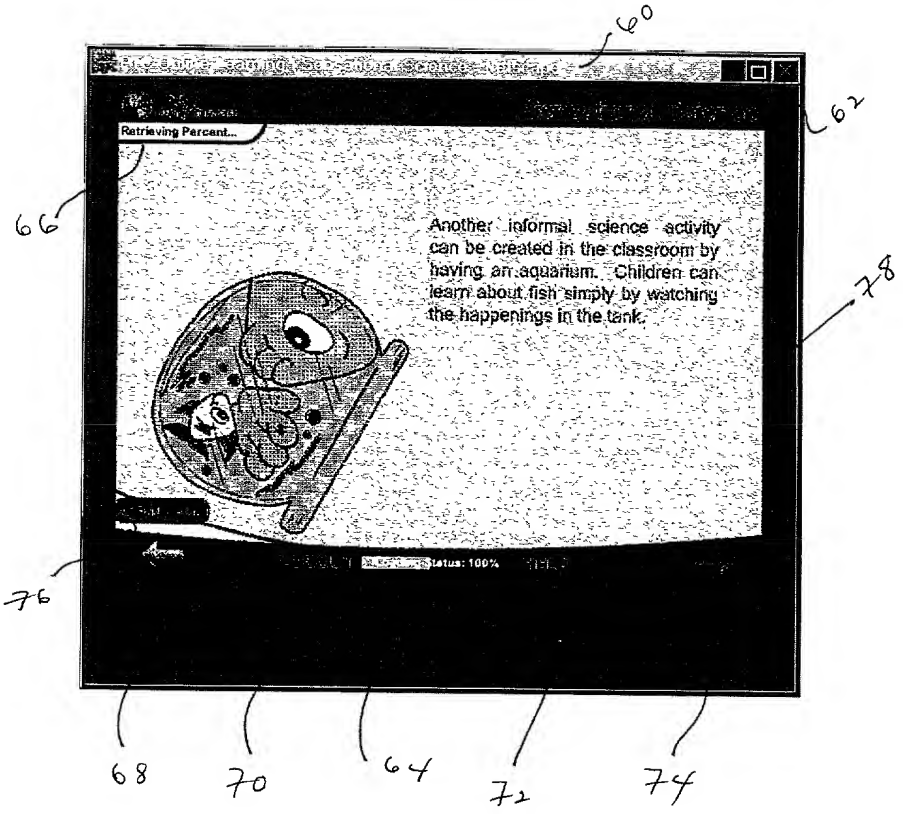

Retrieving Percent...
Most informal sciencing activities are placed in the center for children to explore on their own. For instance, magnets can be placed in the center for children to discover magnetic properties without teacher instruction.
60
62
66
78
76
68
70
64
72
74

FIG. 8B


Retrieving Percent...
Another informal science activity can be created in the classroom by having an aquarium. Children can learn about fish simply by watching the happenings in the tank.
Status: 100%
60
62
66
78
76
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72
74

FIG. 8B

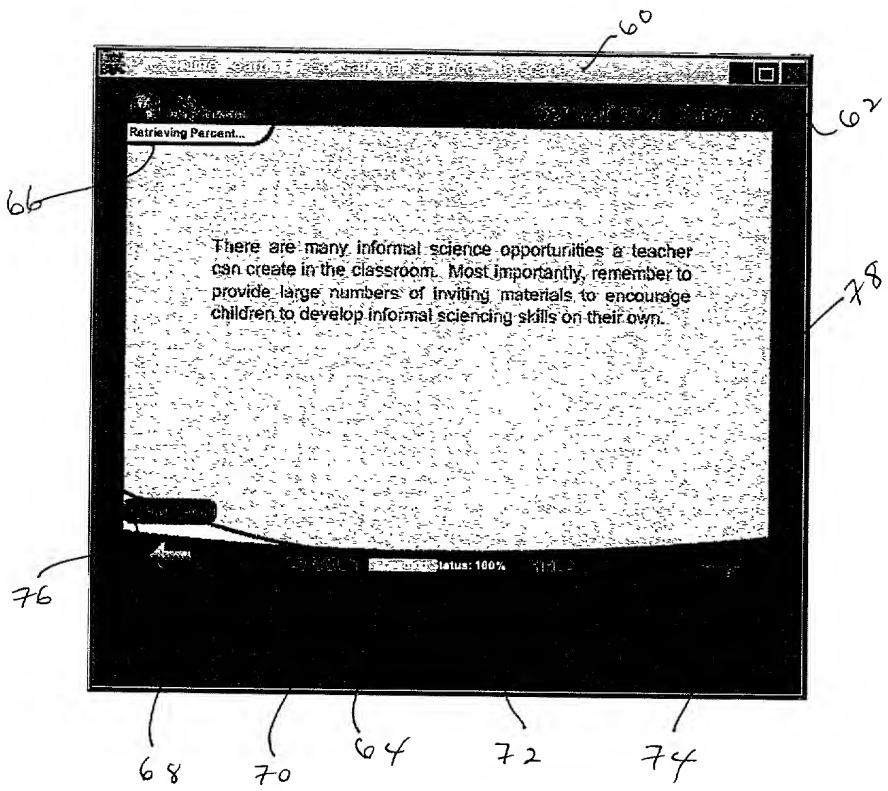
Retrieving Percent...
There are many informal science opportunities a teacher can create in the classroom. Most importantly, remember to provide large numbers of inviting materials to encourage children to develop informal sciencing skills on their own.
Status: 100%
60
62
64
66
68
70
72
74
76
78

FIG. 8E

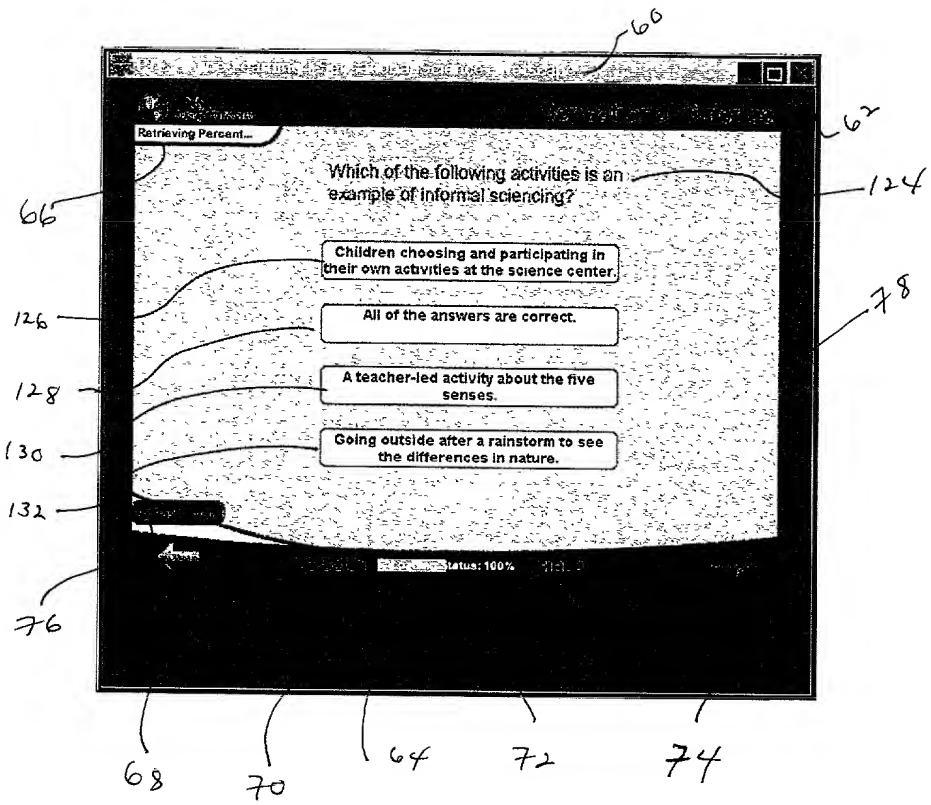
Retrieving Percent...
Which of the following activities is an example of informal sciencing?
Children choosing and participating in their own activities at the science center.
All of the answers are correct.
A teacher-led activity about the five senses.
Going outside after a rainstorm to see the differences in nature.
66
62
124
126
78
128
130
132
76
68
70
64
72
74

FIG. 9

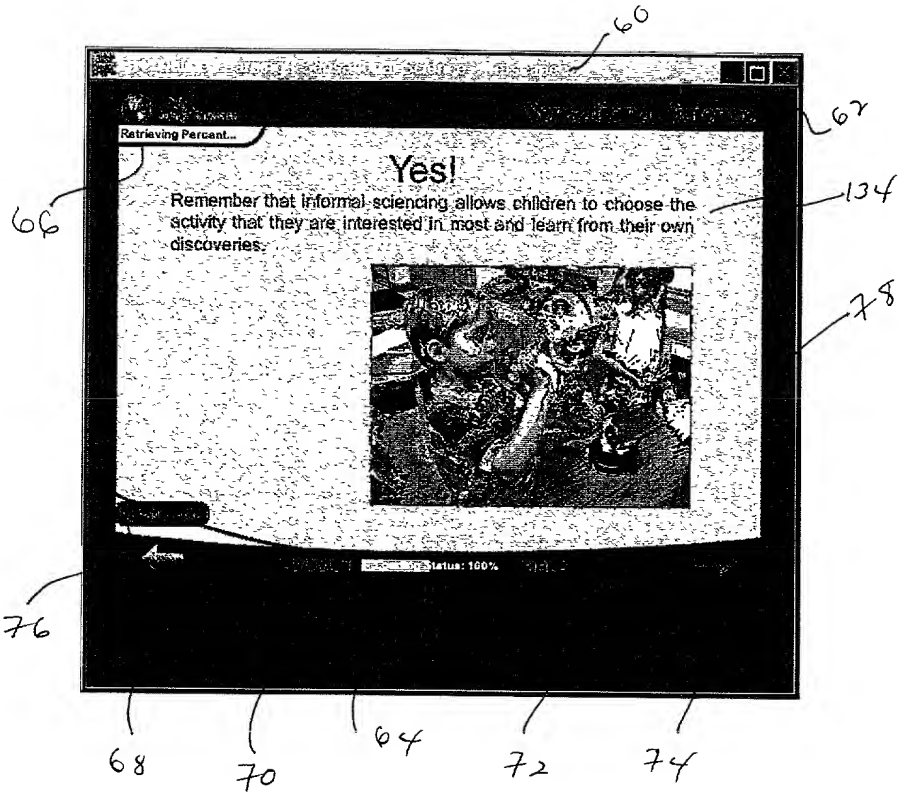
Retrieving Percent...
Yes!
Remember that informal sciencing allows children to choose the activity that they are interested in most and learn from their own discoveries.
Status: 100%
60
62
66
134
78
76
68
70
64
72
74

FIG. 10

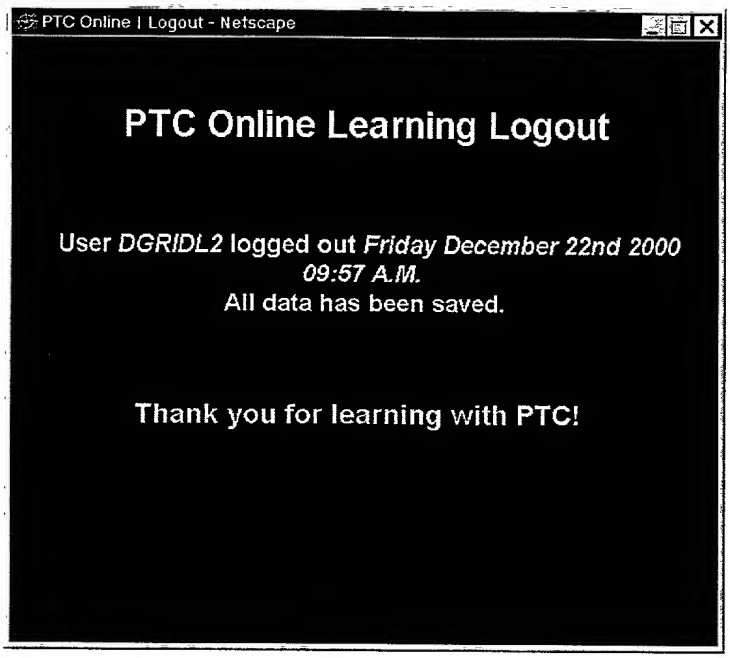
PTC Online | Logout - Netscape
PTC Online Learning Logout
User DGRIDL2 logged out Friday December 22nd 2000 09:57 A.M.
All data has been saved.
Thank you for learning with PTC!

FIG. 11

Professional Training and Consulting, Inc.

certifies that

Doreen J. Gridley

150

completed the course
Rainbows and Rembrandts: Including Fine Art in Young Children's Programs(EPTC760)

Monday November 13th 2000 08:30 A.M.

154

Authorized Signature

152

User ID: DGRIDL1
Certificate ID Number: 9C5C23
Approved for 1 clock hour/.1 CEU

Classes are CEU approved through Clayton College and State University and provide clock hour credit for required training for child care professionals.

Print Certificate 156

FIG. 12